import streamlit as st

import pandas as pd

import numpy as np

import joblib

# Load pre-trained model and scaler

model = joblib.load("model.pkl") # Replace with your model file

scaler = joblib.load("scaler.pkl") # Replace with your scaler file

st.set\_page\_config(page\_title="House Price Predictor", layout="centered")

st.title("House Price Prediction App")

st.write("Enter the details below to predict house price:")

# Input fields

area = st.number\_input("Total Area (sq ft)", min\_value=200, max\_value=10000, value=1500)

bedrooms = st.selectbox("Bedrooms", [1, 2, 3, 4, 5])

bathrooms = st.selectbox("Bathrooms", [1, 2, 3, 4])

garage = st.selectbox("Garage Spaces", [0, 1, 2, 3])

year\_built = st.slider("Year Built", 1950, 2023, 2005)

# Feature input

features = np.array([[area, bedrooms, bathrooms, garage, year\_built]])

features\_scaled = scaler.transform(features)

if st.button("Predict"):

prediction = model.predict(features\_scaled)[0]

st.success(f"Estimated House Price: ₹{prediction:,.2f}")